

0590
0607

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OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/008,978

DATE: 05/31/2002

TIME: 12:01:36

Input Set : A:\00-1272-c seq list 052002.txt

Output Set: N:\CRF3\05312002\J008978.raw

P.6

ENTERED

3 <110> APPLICANT: Mirkin, Chad A.
4 Letsinger, Robert L.
5 Mucic, Robert C.
6 Storhoff, James J.
7 Elghanian, Robert
8 Taton, Thomas A.
9 Garimella, Viswanadham
10 Li, Zhi
11 Park, So-Jung
12 Lu, Gang
14 <120> TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
15 AND USES THEREFOR
17 <130> FILE REFERENCE: 00-1272-C
19 <140> CURRENT APPLICATION NUMBER: 10/008,978
C--> 20 <141> CURRENT FILING DATE: 2002-05-20
22 <150> PRIOR APPLICATION NUMBER: 09/927,777
23 <151> PRIOR FILING DATE: 2001-08-10
25 <150> PRIOR APPLICATION NUMBER: 09/820,279
26 <151> PRIOR FILING DATE: 2001-03-28
28 <150> PRIOR APPLICATION NUMBER: 09/760,500
29 <151> PRIOR FILING DATE: 2001-01-12
31 <150> PRIOR APPLICATION NUMBER: 09/603,830
32 <151> PRIOR FILING DATE: 2000-06-26
34 <150> PRIOR APPLICATION NUMBER: 09/344,667
35 <151> PRIOR FILING DATE: 1999-06-25
37 <150> PRIOR APPLICATION NUMBER: 09/240,755
38 <151> PRIOR FILING DATE: 1999-01-29
40 <150> PRIOR APPLICATION NUMBER: PCT/US97/12783
41 <151> PRIOR FILING DATE: 1997-07-21
43 <150> PRIOR APPLICATION NUMBER: 60/031,809
44 <151> PRIOR FILING DATE: 1996-07-29
46 <150> PRIOR APPLICATION NUMBER: 60/176,409
47 <151> PRIOR FILING DATE: 2000-01-13
49 <150> PRIOR APPLICATION NUMBER: 60/192,699
50 <151> PRIOR FILING DATE: 2000-03-28
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53 <151> PRIOR FILING DATE: 2000-04-26
55 <150> PRIOR APPLICATION NUMBER: 60/213,906
56 <151> PRIOR FILING DATE: 2000-06-26
58 <150> PRIOR APPLICATION NUMBER: 60/224,631
59 <151> PRIOR FILING DATE: 2000-08-11
61 <150> PRIOR APPLICATION NUMBER: 60/254,392
62 <151> PRIOR FILING DATE: 2000-12-08

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64 <150> PRIOR APPLICATION NUMBER: 60/254,418
65 <151> PRIOR FILING DATE: 2000-12-08
67 <150> PRIOR APPLICATION NUMBER: 60/255,235
68 <151> PRIOR FILING DATE: 2000-12-11
70 <150> PRIOR APPLICATION NUMBER: 60/255,236
71 <151> PRIOR FILING DATE: 2000-12-11
73 <150> PRIOR APPLICATION NUMBER: 60/282,640
74 <151> PRIOR FILING DATE: 2000-04-01
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79 <170> SOFTWARE: Microsoft Word 2000
81 <210> SEQ ID NO: 1
82 <211> LENGTH: 20
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Description of Artificial Sequence:random
88     synthetic sequence
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91 aaacgactct agcgcgata                                20
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95 <211> LENGTH: 20
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Description of Artificial Sequence:random
101     synthetic sequence
103 <400> SEQUENCE: 2
104 atggcaacta tacgcgctag                                20
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108 <211> LENGTH: 16
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Description of Artificial Sequence:random
114     synthetic sequence
116 <400> SEQUENCE: 3
117 ccttgagatt tccctc                                    16
120 <210> SEQ ID NO: 4
121 <211> LENGTH: 16
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence:random
127     synthetic sequence
129 <400> SEQUENCE: 4
130 gagggaaatc tcaagg                                    16
133 <210> SEQ ID NO: 5
134 <211> LENGTH: 18
135 <212> TYPE: DNA

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RAW SEQUENCE LISTING

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136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: Description of Artificial Sequence:random
140     synthetic sequence
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143 aacttgcgct aatggcga                                18
146 <210> SEQ ID NO: 6
147 <211> LENGTH: 26
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149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Description of Artificial Sequence:random
153     synthetic sequence
155 <400> SEQUENCE: 6
156 aagttgcgct ttacggctaa tggcga                        26
159 <210> SEQ ID NO: 7
160 <211> LENGTH: 15
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence:random
166     synthetic sequence
168 <400> SEQUENCE: 7
169 tctccttccc ttttc                                    15
172 <210> SEQ ID NO: 8
173 <211> LENGTH: 15
174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: Description of Artificial Sequence:random
179     synthetic sequence
181 <400> SEQUENCE: 8
182 gaaaaggga ggaga                                    15
185 <210> SEQ ID NO: 9
186 <211> LENGTH: 15
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Description of Artificial Sequence:random
192     synthetic sequence
194 <400> SEQUENCE: 9
195 cttttccctt cctct                                    15
198 <210> SEQ ID NO: 10
199 <211> LENGTH: 28
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: Description of Artificial Sequence:random
205     synthetic sequence

```

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207 <400> SEQUENCE: 10
208 aaacgactct agcgcgtata gttgccat                28
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212 <211> LENGTH: 28
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Description of Artificial Sequence:random
218     synthetic sequence
220 <400> SEQUENCE: 11
221 atggcaacta tacgcgctag agtcgttt                28
224 <210> SEQ ID NO: 12
225 <211> LENGTH: 15
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Description of Artificial Sequence:random
231     synthetic sequence
233 <400> SEQUENCE: 12
234 cctatcgacc atgct                                15
237 <210> SEQ ID NO: 13
238 <211> LENGTH: 30
239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: Description of Artificial Sequence:random
244     synthetic sequence
246 <400> SEQUENCE: 13
247 agcatggtcg ataggaaacg actctagcgc                30
250 <210> SEQ ID NO: 14
251 <211> LENGTH: 15
252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Description of Artificial Sequence:random
257     synthetic sequence
259 <400> SEQUENCE: 14
260 gcgctagagt cgttt                                15
263 <210> SEQ ID NO: 15
264 <211> LENGTH: 30
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Description of Artificial Sequence:random
270     synthetic sequence
272 <400> SEQUENCE: 15
273 agcatggtcg ataggatggc aactatacgc                30
276 <210> SEQ ID NO: 16
277 <211> LENGTH: 24

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278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: Description of Artificial Sequence:random
283     synthetic sequence
285 <400> SEQUENCE: 16
286 gtcgatagga aacgactcta gcgc                24
289 <210> SEQ ID NO: 17
290 <211> LENGTH: 30
291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Description of Artificial Sequence:random
296     synthetic sequence
298 <400> SEQUENCE: 17
299 agcatgggtg ataggaaacg actctagcgc            30
302 <210> SEQ ID NO: 18
303 <211> LENGTH: 30
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Description of Artificial Sequence:random
309     synthetic sequence
311 <400> SEQUENCE: 18
312 agcatgtttg ataggaaacg actctagcgc            30
315 <210> SEQ ID NO: 19
316 <211> LENGTH: 12
317 <212> TYPE: DNA
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: Description of Artificial Sequence:random
322     synthetic sequence
324 <400> SEQUENCE: 19
325 tctcaactcg ta                            12
328 <210> SEQ ID NO: 20
329 <211> LENGTH: 12
330 <212> TYPE: DNA
331 <213> ORGANISM: Artificial Sequence
333 <220> FEATURE:
334 <223> OTHER INFORMATION: Description of Artificial Sequence:random
335     synthetic sequence
337 <400> SEQUENCE: 20
338 cgcattcagg at                            12
341 <210> SEQ ID NO: 21
342 <211> LENGTH: 24
343 <212> TYPE: DNA
344 <213> ORGANISM: Artificial Sequence
346 <220> FEATURE:
347 <223> OTHER INFORMATION: Description of Artificial Sequence:random

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/31/2002
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:57; N Pos. 8